

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	127	(ULTRA adj WIDEBAND) and QAM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 20:19
L7	8	(ULTRA adj WIDEBAND) with QAM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 20:21
L8	12	(ULTRA adj WIDEBAND) same QAM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 20:22
L10	6	("6577679" "6647061" "6671322"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L11	1	"10/044207"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L12	1	"10/676503"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L13	2	01/93446	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L14	0	Wo01/93446	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58

## EAST Search History

L15	186	"93446"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L16	15	"ULTRAWIDE BANDWIDTH SYSTEM"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L17	24	"09/684401"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L18	76	"09/537264"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L19	74	"09/537692"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L20	14	"09/537692" and fullerton.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L21	2	"3728632".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L22	12	("3728632" "4813057" "4979186" "0461317" "5677927" "6505032"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58

## EAST Search History

L23	30	(twisted adj pair) with UWB	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L24	3	(costas with loop) with UWB	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L25	3	"6556621".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L26	140	(pulse with link) and UWB	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L27	43	(pulse adj link) and UWB	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L28	3	(costas with loop) same UWB	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L29	13	(costas with loop) and UWB	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L30	2	"5812081".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58

## EAST Search History

L31	940	(costas adj loop)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L32	207	(costas adj loop) and matched adj filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L33	61	(costas adj loop) same matched adj filter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L34	50	(costas adj loop) and matched adj filter and quantiz\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L35	1	(costas adj loop) same quantiz\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L36	23	("3701948"   "3984778"   "4085378"   "4101844").PN. OR ("4419759").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L37	513	(vco or (local near2 (oscillator or generator))) same (match\$3 adj filter)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L38	132	(vco or (local near2 (oscillator or generator))) with (match\$3 adj filter)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L39	120	(vco or (local near (oscillator or generator))) with (match\$3 adj filter)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L40	119	(vco or (local near (oscillator))) with (match\$3 adj filter)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L41	11	(vco or (local near (oscillator))) with (match\$3 adj filter) and costas	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58

## EAST Search History

L42	152	(phase adj locked adj loop) with gated	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L43	1	(phase adj locked adj loop) with gated and uwb	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L44	2	(phase adj locked adj loop) same gated and uwb	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L45	15	(phase adj locked adj loop) and gated and uwb	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L46	1	(VCO or (local near2 generator)) with (save or reduce) with power and gated and uwb	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L47	5	(VCO or (local near2 generator)) with ((save or reduce) with power) and gated	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L48	161	(VCO or (local near2 generator)) with ((save or reduce) with power)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L49	6	(VCO or (local near2 generator)) with ((save or reduce) with power) and activate\$1 with receive\$1 with signal	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L50	3	(VCO or (local near2 generator)) with ((save or reduce) with power) same activate\$1	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L51	1	(VCO or (local near2 generator)) with on with off	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L52	2	(VCO or (local near2 generator)) same (on with off)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L53	6	(VCO or (local near2 generator)) and (on with off)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L54	2141	(VCO or (local near2 generator)) with (activate\$3 or turn)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L55	518	(VCO or (local near2 generator)) with (activate\$3 or turn) and ((sav\$3 or reduc\$3) with power)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L56	100	(VCO or (local near2 generator)) with (activate\$3 or (turn adj on)) and ((sav\$3 or reduc\$3) with power)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58

## EAST Search History

L57	10	(VCO or (local near2 generator)) with (activate\$3 or (turn adj on)) same ((sav\$3 or reduc\$3) with power)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L58	322	(VCO or (local near2 generator)) with ((sav\$3 or reduc\$3) with power)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L59	6	(VCO or (local near2 generator)) near ((sav\$3 or reduc\$3) with power)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L60	77	"09/083993"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L61	0	(VCO or (local near2 generator)) near (match adj filter) and (costas adj loop)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L62	0	(VCO or (local near2 generator)) near (match\$3 adj filter) and (costas adj loop)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L63	1	(VCO or (local near2 generator)) near5 (match\$3 adj filter) and (costas adj loop)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L64	9	(VCO or (local near2 generator)) near15 (match\$3 adj filter) and (costas adj loop)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L65	9	(VCO or (local near2 generator)) with (match\$3 adj filter) and (costas adj loop)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L66	170	(costas adj loop) and quantiz\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L67	63	(costas adj loop) and quantiz\$3 and (match\$3 adj filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L68	11	(VCO or (local near2 generator) or PLL or (phase adj locked adj loop)) near ((sav\$3 or reduc\$3 or low) with power)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58

## EAST Search History

L69	139	((VCO or (local near2 generator) or PLL or (phase adj locked adj loop)) with ((sav\$3 or reduc\$3 or low) with power)) with switch	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L70	11	((VCO or (local near2 generator) or PLL or (phase adj locked adj loop)) with ((sav\$3 or reduc\$3 or low) with power)) with switch with (input with signal)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L71	25	((VCO or (local near2 generator) or PLL or (phase adj locked adj loop)) with ((sav\$3 or reduc\$3 or low) with power)) same switch with (input with signal)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L72	81	(PLL or (phase adj locked adj loop)) with (match\$3 adj filter\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L73	174	(PLL or (phase adj locked adj loop)) and UWB	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L74	12	(PLL or (phase adj locked adj loop)) with UWB	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L75	36	(PLL or (phase adj locked adj loop)) same UWB	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L76	32	(PLL or (phase adj locked adj loop)) and UWB and (match\$3 adj filter\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L77	213	leeper.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L78	3	leeper.in. and uwb	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L79	78	(match\$3 adj filter\$3) with (transmit\$5 adj filter\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L80	0	(match\$3 adj filter\$3) with (transmit\$5 adj filter\$3) and uwb	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L81	1	(match\$3 adj filter\$3) same (transmit\$5 adj filter\$3) and uwb	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58
L82	3	(match\$3 adj filter\$3) with (transmit\$5 adj filter\$3) and (costas adj loop)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/31 21:58

## EAST Search History

L83	4	quantiz\$3 with "16" with level and (costas adj loop)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L84	1	quantiz\$3 with law with level and (costas adj loop)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L85	2	quantiz\$3 with "8" with level and (costas adj loop)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L86	3689	375/316	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L87	3589	375/354	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L88	3091	375/130	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L89	63	(costas adj loop) and (match\$3 adj filter\$3) and quantiz\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L90	7	L86 and L89	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58



## EAST Search History

L91	2	L87 and L89	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L92	4	L88 and L89	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L93	381	329/308	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58
L94	2	L89 and L93	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/31 21:58